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THE 1985 NATIONAL EMS DATA SUMMARY

STATE EMERGENCY MEDICAL SERVICES PUBLIC INFORMATION AND EDUCATION (PI&E) PROGRAMS

Produced by the National EMS Clearinghouse

1985

STATE EMERGENCY MEDICAL SERVICES PUBLIC INFORMATION AND EDUCATION (PI&E) PROGRAMS

This report represents a first effort by the NASEMSD to conduct a nationwide comprehensive survey of emergency medical services in the U.S. The NASEMSD plans to periodically resurvey the states in order to develop updated versions of this report. The reader is urged to notify the Association with recommendations for improving future reports, including obtaining survey information for subject areas not included in this report.

The National EMS Clearinghouse is a service of the National Association of State Emergency Medical Service Directors, managed by The Council of State Governments.

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PREFACE

Emergency Medical Services across the nation have evolved into sophisticated systems with multiple components that work together in order to save human lives. To enhance the effectiveness of the emergency medical services, the National Association of State Emergency Medical Services Directors (NASEMSD) has recognized the need for states to exchange information on successful and best practices in emergency medical services and for states of geographical proximity to assist each other in their efforts to respond quickly and expertly to emergency situations.

To foster communication and information exchange across the nation and ultimately to increase the effectiveness of emergency services, the NASEMSD, with financial support from the National Disaster Medical System, surveyed all state emergency medical services directors concerning emergency medical services programs in their state. The survey covered the following components of EMS:

1) State EMS Office Functioning
2) Transportation
3) Communications
4) EMS and Disaster Preparedness
5) Evaluation/Information Systems
6) Public Information/Education
7) Training
8) Facilities

The survey project was undertaken with the support of Tom Harmelink former Director of Emergency Medical Services, North Carolina and former President of NASEMSD.

The NASEMSD Clearinghouse Committee assumed responsibility for the project. The committee is chaired by Sam Channell, Associate Director, Emergency Medical Services, West Virginia. The survey was written by members of a sub-committee of the NASEMSD Clearinghouse Committee. Members on the sub-committee are: Chair, Drew Dawson, Chief, Emergency Medical Services Bureau, Montana; Barak Wolff, Chief, Emergency Medical Services Bureau, New Mexico; and Dan Manz, Director, Emergency Medical Services, Vermont.

Reports from the survey were compiled and written by Fran Berry, Director, The National EMS Clearinghouse and Ellen Hume, Associate Director, the National EMS Clearinghouse. Typing and data entry assistance were provided by Pat Bancroft and Joy Pettit. We extend appreciation to Ms. Bancroft and Ms. Pettit for their hard work.

The survey compilation resulted in six reports. They are: 1) Administrative Structure, Functions and Budget Sources of State Emergency Medical Services Offices; 2) State Emergency Medical Services Transportation Systems; 3) State Emergency Medical Services Information and Public Education Systems; 5) The Training of State Emergency Medical Service Personnel; and 6) State Emergency Medical Services Facilities and Regulatory Control.

We hope these reports will be a useful resource to those involved in emergency medical services in the states.

Paul Anderson, President
National Association of State
Emergency Medical Services
Directors

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INTRODUCTION

EMS information systems and public education programs are related in that both strive to provide information about emergency care. Public education programs attempt to inform the general public of available emergency medical services, how to access the emergency medical system, and teach simple emergency medical procedures that can help save lives. EMS information systems, on the other hand, provide specific and usually technical information on the actual workings of the system to emergency medical coordinators and administrators so that the efficiency and effectiveness of the system design can be analyzed.

This report describes state emergency medical systems (EMS) and provides information on EMS public education programs and information systems. It is one of a series of six reports compiled from the first Annual EMS Survey by NASEMSD staff. The other reports are:

(1) Structure, Function, and Budget Sources of State EMS Offices;

(2) EMS Transportation System;

(3) EMS Communications Systems and Levels of Preparedness for Disaster;

(4) EMS Personnel Training, and

(5) EMS Facilities and Regulatory Control.

For further information on the reports, or to order, contact the NASEMSD staff at The Council of State Governments, Iron Works Pike, P.O. Box 11910, Lexington, KY 40578.

Public Information/Education

The importance of public awareness concerning available emergency services, means of access, and quality and type of care is clear. What is not so clear is which agency is responsible for educating the public about emergency medical services in the states. The four principle mediums for public education are state, regional and local EMS offices and hospitals. As Table I indicates, the responsibility of providing public information and education varies greatly from state to state. In some states, the EMS office is deeply involved and responsible for public education. In other states, public education is a minimal responsibility of the office.

Most state EMS offices have some public education responsibility ranging from producing pamphlets only, to providing public awareness via television, radio, newspapers, pamphlets, public speakers and writing newsletters. A few states, Colorado, Florida, Illinois, Iowa, Kansas, the District of Columbia, and the Virgin Islands have no responsibility or duties for public education. In Kansas the regional offices, not the main office, provide information through newspaper ads or articles, and in the Virgin Islands the regional offices promote public awareness through the use of speakers in public places. South Carolina is the only state that uses the poison center to provide public education on emergency services, and the Virgin Islands utilizes the Department of Health to promote awareness of state EMS through the use of newspaper ads. Professional associations in Wisconsin, New Mexico and the Virgin Islands assist the state in promoting public awareness of EMS systems.

One objective of many EMS offices is to educate and train lay people in emergency procedures. Some major themes addressed through public education programs are listed in Table II. Citizen CPR and seat belt usage appear to

be the most popular of the public education programs. Other popular programs are EMT recognition and EMS week. Some public education programs not listed in Table II are water safety, blood pressure, motorcycle helmets, poisons, diving injuries, sexual assault, system access, and what to do at an accident scene.

Table III provides information pertaining to the number of state EMS offices that commit minimal, moderate or extensive resources to public information and eduction. Most states report that they commit only minimal resources to public education. However, a significant number of states feel their programs are minimally effective, and about the same number feel moderate effectiveness is the result. Only two states report that their education programs are very effective.

EMS Newsletter

Thirty-two states report that they publish a statewide EMS newsletter (see Table IV). In most states, the newsletter is published by the state EMS office. In other states responsibility for the newsletter is contracted out or is the responsibility of a related agency, i.e., EMT association or the state ambulance association. The number of copies distributed ranges between 450 and 45,000.

Of the 17 states reporting that their state had no statewide EMS newsletter, all but five, Hawaii, Nevada, Oregon, Utah and Washington, responded that there were other EMS newsletters published in the states.

TABLE 1

Responsibility for Public Information/Education

STATE	State EMS Office	Regional EMS Office	Local Services	Hospital	Professional Organization	Other
Alabama	C	B/D	-------	-------	-------	-------
Alaska	C/D	A/B/C/D	B/C/D	C/D	-------	-------
Arizona						
Arkansas	A/B/C	-------	D	-------	-------	-------
California	D	C/D	C/D	-------	-------	-------
Colorado	-------	-------	-------	-------	-------	-------
Connecticut	A/D/E	B/C	B/D	C	-------	-------
Delaware	D/F	-------	-------	-------	-------	-------
Florida	-------	-------	C/D/F	-------	-------	-------
Georgia	B/D	A/B/C/D	B/C/D	-------	-------	-------
Hawaii	C/D	-------	-------	-------	-------	-------
Idaho	C/D	D	A/B	A/B/C/D	-------	-------
Illinois	-------	-------	-------	-------	-------	-------
Indiana	C/D/G	C/D/G	C/D	C/D	-------	-------
Iowa	-------	C/D	C/D	-------	-------	-------
Kansas	-------	D	D	-------	-------	-------
Kentucky						
Louisiana						
Maine	B/D	A/B/C/D	D	-------	-------	-------
Maryland	A/B/C/D/F/H	A/B/C/D/F/H	A/B/C/D/F/H	C/D	-------	-------

Explanation of Symbols:

A = TV Spots
B = Radio/PSA'S
C = Pamphlets
D = Newspaper Articles
E = Billboards
F = Public Information Displays at Malls
G = Newsletters
H = Speakers
I = Bumper Stickers
J = Phone Book
K = Films

------- Agency has no public education responsibility.

STATE	State EMS Office	Regional EMS Office	Local Services	Hospital	Professional Organization	Other
Massachusetts	A/C/D/F/I	A/B/C/D/I	C/D	B	-------	-------
Michigan	B/D	A/B/C/D	A/B/C/D	-------	-------	-------
Minnesota	C/D	C/D	C/D	-------	-------	-------
Mississippi	A/B/C/D	A/B/C/D	A/B/C/D	A/B/C/D	-------	-------
Missouri	A/B/C	-------	D	-------	-------	-------
Montana	C/D	-------	B/D	-------	-------	-------
Nebraska	D/G	A/B/C/D	D	-------	-------	-------
Nevada	C/D	D	D	-------	-------	-------
New Hampshire	A/B/C/D	A/B/C/D	A	-------	-------	-------
New Jersey	D/J	-------	-------	-------	-------	-------
New Mexico	A/B/C/D/G/H/I	B/C/D/G/F/H/I	C/D/H/I	-------	A/B/D	-------
New York						
North Caro.	A/B/C	C/D	C/D	-------	-------	-------
North Dakota	C/D	-------	A/B/D	-------	-------	-------
Ohio	C/D/K	-------	-------	-------	-------	-------
Oklahoma						
Oregon	D	-------	B/C/D	-------	-------	-------
Pennsylvania	A/B/C/D	B/C/D	-------	-------	-------	-------
Rhode Island						
South Caro.	C	A/B/C/D	C/D	-------	-------	A/C*
South Dakota						
Tennessee	C	-------	-------	-------	-------	-------
Texas	A/C/D	A/B/C/D	-------	-------	-------	-------
Utah	D	-------	D	-------	-------	-------
Vermont	A	-------	C/D	-------	-------	-------

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J = Phone Book
K = Films
------- = Agency has no Public education responsibility

STATE	State EMS Office	Regional EMS Office	Local Services	Hospital	Professional Organization	Other
Virginia	A/B/C/D	A/C/D	-------	A/B/C/D	-------	-------
Washington	C/D	C/D	C	-------	-------	-------
West Vir.	A/B/C/D	B/C/D	B/C/D	-------	-------	-------
Wisconsin	D	A/B/C/D	D	A/B/C/D	A/B/C/D	-------
Wyoming	A/B/C/D	-------	-------	-------	-------	-------
Amer. Samoa						
D.C.	-------	-------	-------	-------	-------	-------
Guam						
Puerto Rico						
Virgin Is.	-------	H	-------	-------	A/B	D**

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------- Agency has no public education responsibility.

Footnotes:

* Poison Center
** Dept.of Health

TABLE II

PUBLIC EDUCATION

(Aggregated Information[1])

MAJOR THEMES ADDRESSED BY PUBLIC INFORMATION/ EDUCATION PROGRAMS	WITHIN THE PAST YEAR	1-3 YEARS AGO	MORE THAN 3 YEARS AGO	NO RESPONSE
Citizen CPR	19	8	3	20
Citizen First Aid	12	9	2	27
EMT Recognition	25	6	1	18
EMS Week	28	6	1	15
911	15	7	2	26
DWI	19	2	-	29
Seat Belts	25	4	-	21
Child Restraint	2	-	-	-

1. The numbers in the table represent the total number of states that responded to that category.

TABLE III

PUBLIC INFORMATION/EDUCATION

How would you rate the amount of resources you commit to public information and education?

Minimal: 34 Moderate: 15 Extensive: 1

NOTE: One state did not respond to this question.

How would you assess the overall effectiveness of the public information/education programs which you conduct?

Minimal: 23 Moderate: 22 Very Effective: 2

NOTE: Three states did not respond to this question, and Guam responded that there are no "programs" for public information or education.

TABLE IV

EMS NEWSLETTER

STATE	STATEWIDE EMS NEWSLETTER PUBLISHED	FREQUENCY OF DISTRIBUTION	NUMBER OF COPIES DISTRIBUTED	SENT TO	PUBLISHED BY	OTHER EMS NEWSLETTERS IN THE STATE
Alabama	No	n/a	n/a	n/a	n/a	Yes
Alaska	Yes	Quarterly	3,000	EMS providers Other health agencies News media Other state government officials	State EMS office	Yes
Arizona						
Arkansas	No	n/a	n/a	n/a	n/a	Yes
California	No	n/a	n/a	n/a	n/a	Yes
Colorado	No	n/a	n/a	n/a	n/a	Yes
Connecticut	Yes	Bimonthly	2,000	Services Legislators Hospitals	State EMS office	Yes
Delaware	Yes	Quarterly	450	State EMS personnel and agencies Nat'l EMS agencies	State EMS office	No
Florida	Yes	Quarterly	15,000	Services EMS organizations EMT's and paramedics	State EMS office	Yes
Georgia	No	n/a	n/a	n/a	n/a	Yes
Hawaii	No	n/a	n/a	n/a	n/a	--
Idaho	Yes	Quarterly	1,500	EMS units Hospitals Physicians Local gov't officers	State EMS office	No

STATE	STATEWIDE EMS NEWSLETTER PUBLISHED	FREQUENCY OF DISTRIBUTION	NUMBER OF COPIES DISTRIBUTED	SENT TO	PUBLISHED BY	OTHER EMS NEWSLETTERS IN THE STATE
Illinois	Yes	Quarterly	1,500	Hospitals Pre-hospital providers	State EMS office	Yes
Indiana	Yes	3 times/year	45,000	EMT's and paramedics Ambulance services Hospitals Legislature	State EMS office	Yes
Iowa	Yes	Quarterly	unknown	All interested parties	State EMS office	Yes
Kansas	No	n/a	n/a	n/a	n/a	Yes
Kentucky	No	n/a	n/a	n/a	n/a	Yes
Louisiana	Yes	Monthly	unknown	Members of organization	EMT association	No
Maine	Yes	Quarterly	3,500	All licensed people Services State EMS offices News media	State EMS office	Yes
Maryland	Yes	Monthly	24,000	All certified EMT's Others on request	State EMS office	Yes
Massachusetts	Yes	Bimonthly	3,700	Ambulance services Police and fire depts. State EMS offices Local, county and state government officials	State EMS office	Yes
Michigan	Yes	6 times/year	15,000	Hospitals Ambulance services EMT's	Contract	Yes
Minnesota	Yes	Quarterly	--	Ambulance services Interested parties	Contract	Yes

STATE	STATEWIDE EMS NEWSLETTER PUBLISHED	FREQUENCY OF DISTRIBUTION	NUMBER OF COPIES DISTRIBUTED	SENT TO	PUBLISHED BY	OTHER EMS NEWSLETTERS IN THE STATE
Mississippi	Yes	Quarterly	3,500	EMT's/Hospitals Doctors/Nurses Elected officials Other states	State EMS office	Yes
Missouri	Yes	Quarterly	1,000	Ambulance services Hospitals State EMS office	State EMS office	Yes
Montana	Yes	5 times/year	2,000	Ambulance services Hospitals/EMT's First responders	Contract	Yes
Nebraska	Yes	Monthly	500	Ambulance services Hospitals Individuals and states	State EMS office	Yes
Nevada	No	n/a	n/a	n/a	n/a	No
New Hampshire	No	n/a	n/a	n/a	n/a	Yes
New Jersey	No	n/a	n/a	n/a	n/a	Yes
New Mexico	Yes	3 times/year	5,000	EMT's/Services Local governments Interested parties	State EMS office	Yes
New York	No	n/a	n/a	n/a	n/a	Yes
N. Carolina	Yes	Bimonthly	4,000	EMS providers ED nurses/Physicians Hospital and EMS administrators Interested parties	State EMS office	Yes
North Dakota	Yes	Quarterly	1,000	EMT/ECT population, in- and out-of-state	ND Assn. of EMTs/ECTs	No
Ohio	No	n/a	n/a	n/a	n/a	Yes

STATE	STATEWIDE EMS NEWSLETTER PUBLISHED	FREQUENCY OF DISTRIBUTION	NUMBER OF COPIES DISTRIBUTED	SENT TO	PUBLISHED BY	OTHER EMS NEWSLETTERS IN THE STATE
Oklahoma	Yes	Monthly	1,500	EMT's and providers	Oklahoma EMT Association	No
Oregon	No	n/a	n/a	n/a	n/a	No
Pennsylvania	Yes	Quarterly	3,500-4,000	Hospitals Regional EMS councils Ambulance services ACEP Legislature	State EMS office	Yes
Rhode Island	Yes	Bimonthly	450	EMS providers Interested parties	State EMS office	No
S. Carolina	Yes	Quarterly	1,200	Providers Hospitals Instructors	State EMS office	Yes
South Dakota						
Tennessee	Yes	6-8 times/year	5,000	Certified EMS personnel	Contract	Yes
Texas	Yes	Monthly	3,000	Providers EMS instructors Interested parties	State EMS office	Yes
Utah	No	n/a	n/a	n/a	n/a	No
Vermont	Yes	Bimonthly	1,000	Providers and others	State EMS office	Yes
Virginia	Yes	Bimonthly	2,200	Licensed EMS agencies EMT instructors Hospitals Political leaders	State EMS office	Yes
Washington	No	n/a	n/a	n/a	n/a	Yes

STATE	STATEWIDE EMS NEWSLETTER PUBLISHED	FREQUENCY OF DISTRIBUTION	NUMBER OF COPIES DISTRIBUTED	SENT TO	PUBLISHED BY	OTHER EMS NEWSLETTERS IN THE STATE
West Virginia	Yes	Quarterly	2,800	EMS providers Medical community Administrators/ charge nurses Legislators Public officials State police detachments State police community commanders Primary care clinics State EMS directors Emergency services county directors Squad training officers Public libraries EMT instructors State training coordinators EMS advisory council	--	No
Wisconsin	Yes	Semiannually	2,700	EMT's Hospitals Ambulance services	State EMS office	Yes
Wyoming	Yes	Monthly	750	EMS providers	State Ambulance Assn.	No
D.C.	--	--	--	--	--	--
Amer. Samoa						
Guam	No	n/a	n/a	n/a	n/a	No
Puerto Rico						
Virgin Islands	No	n/a	n/a	n/a	n/a	Yes

EMS Information Systems

An EMS information system is a process by which information on each emergency incident is collected, stored and later analyzed in order to build a base of information for future management decisions.[1] From the information collected, analyses can be done concerning performance of EMS personnel, availability of vehicles and vehicle needs, utilization of equipment and supplies, and ambulance response time versus distance traveled.[2]

Information Sources

The majority of states are required to systematically collect EMS service, vehicle, and personnel application records, as is detailed in Table V. Some exceptions are California, Colorado, Delaware, Hawaii, Maryland, Massachusettes, Minnesota, Montana, New Jersey, New Mexico, North Dakota, and West Virginia where the office has access to these records and may collect the information but a collection system is not mandated in all cases.

There appears to be no particular pattern of access, use and collection for standardized Basic Life Support (BLS) and Advanced Life Support (ALS) run reports, police accident reports, medical exam records, hospital E.D. records, and hospital in-patient records. Most EMS offices have access to these records but do not routinely collect them and there is little effort to require offices to systematically collect this information.

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1. Boyd, David R., Edloch, Richard F., and Micik, Sylvia; Systems Approach to Emergency Medical Care, Appleton-Century-Crofts/Norwalk, CT, 1983, pg. 164.

2. Ibid.

Some exceptions are Arkansas, Georgia, Idaho, Kansas, Maine, Missouri, Nevada, Pennsylvania, South Carolina, Utah, District of Columbia, and the Virgin Islands where the offices must systematically collect standarized ALS and BLS run reports. Hawaii, Maryland, New Mexico, North Carolina, North Dakota, Texas, Washington and West Virginia routinely collect ALS and BLS run reports but a collection system is not mandated.

Many states do not have access to hospital records. The states that have access to these records do not routinely collect them. There are two exceptions. In New Jersey EMS offices are required to collect hospital E.D. and in-patient records and in Pennsylvania, EMS offices are required to collect police accident reports, medical exam records and hospital E.D. and in-patient records.

Table V

Sources of EMS Management Information

STATE	EMS Service License Application	EMS Vehicle License Application	EMS Person. License Application	Stdized. BLS Run Reports	Stdized. ALS Run Reports	Police Acc. Rept.	Med. Exam. Records	Hosp. E.D. Records	Hosp. In-pat. Records
Alabama	D	D	D	B	B	B	B	A	A
Alaska	D	C	D	B	B	B	B	B	B
Arizona									
Arkansas	D	D	D	D	D	A	A	A	A
California	B	B	B	B	B	A	A	B	B
Colorado	B	B	B	B	B	A	A	A	A
Connecticut	D	D	D	B	B	B	B	B	B
Delaware	B	B	B	C	B	B	B	B	A
Florida	D	D	D	B	B	B	B	B	B
Georgia	D	D	D	D	D	B	B	B	B
Hawaii	C	C	B	C	C	---	---	---	---
Idaho	D	---	D	D	D	B	B	A	A
Illinois	D	D	D	B	B	B	B	B	B
Indiana	D	D	D	E	E	C	A	A	A
Iowa	D	E	C/D	C	D	B	B	A	A
Kansas	D	D	D	D	D	B	A	A	A
Kentucky									
Louisiana									
Maine	D	D	D	D	D	B	B	B	D
Maryland	A	B	D	C	C	B	B	B	B
Massachusetts	B	B	D	E	E	B	B	B	B
Michigan	D	D	D	B	B	B	B	A	A
Minnesota	C	C	C	B	B	B	B	B	B
Mississippi	D	D	D	E	E	B	B	B	B
Missouri	E	D	D	D	D	B	B	B	B

Explanation of Symbols:

A = EMS office does not use or have access to these records.
B = EMS office has access to these records but does not routinely collect them.
C = EMS office routinely collects these records but there is no mandated collection system.
D = EMS office routinely collects these records and the collection system is mandated.
E = State has no such record

STATE	EMS Service License Application	EMS Vehicle License Application	EMS Person. License Application	Stdized. BLS Run Reports	Stdized. ALS Run Reports	Police Acc. Rept.	Med. Exam. Records	Hosp. E.D. Records	Hosp. In-pat. Records
Montana	D	E	B	B	E	A	E	A	A
Nebraska	D	D	D	C	---	A	B	A	A
Nevada	D	D	D	D	D	A	A	B	A
New Hampshire	D	D	D	C	C	C	B	B	B
New Jersey	A	A	D	E	D	D	B	D	D
New Mexico	B	B	D	C	C	B	B	B	B
New York									
North Caro.	E	D	D	C	C	B	B	A	A
North Dakota	D	B	D	C	C	B	A	A	A
Ohio	E	E	A	E	E	A	A	A	A
Oklahoma									
Oregon	E	D	D	E	E	B	B	B	B
Pennsylvania	---	---	D	D	D	D	D	D	D
Rhode Island									
South Caro.	D	D	D	D	D	B	B	B	A
South Dakota									
Tennessee	D	D	D	B	B	B	B	B	A
Texas	E	D	D	C	C	B	B	B	B
Utah	D	D	D	D	D	B	B	B	B
Vermont	D	D	D	B	E	B	B	B	A
Virginia	D	D	D	B	B	B	B	B	B
Washington	D	D	D	C	C	B	B	B	B
West Vir.	E	B	D	C	C	B	B	B	A
Wisconsin	D	A	D	B	B	B	A	B	B
Wyoming	D	D	D	B	B	B	B	A	A

Explanation of Symbols:

A = EMS office does not use or have access to these records.
B = EMS office has access to these records but does not routinely collect them.
C = EMS office routinely collects these records but there is no mandated collection system.
D = EMS office routinely collects these records and the collection system is mandated.
E = State has no such record

STATE	EMS Service License Application	EMS Vehicle License Application	EMS Person. License Application	Stdized. BLS Run Reports	Stdized. ALS Run Reports	Police Acc. Rept.	Med. Exam. Records	Hosp. E.D. Records	Hosp. In-pat. Records
Amer. Samoa									
D.C.	A	A	---	D	D	A	A	A	A
Guam									
Puerto Rico									
Virgin Is.	---	---	D	D	D	A	B	B	B

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Information Collected

Table VI lists the various types of information that are collected through ambulance run reports. Most states collect response time data, patient vital sign data, intervention provided, EMT identification, response location data, nature of emergency, and patient age and sex. What varies greatly across the states is whether or not the information is cataloged. When cataloging is done, it is virtually always done electronically, which indicates that those EMS offices that catalogue are computerized.

Various groups use the information that is prepared by ambulance run reports. Rescue squads are most often users of the reports. Hospitals, EMS regional councils, entire communities, and the EMS offices also report that they routinely use information provided by the ambulance run report (see Table VI).

TABLE VI

EVALUATION/INFORMATION SYSTEMS

INFORMATION COLLECTED THROUGH THE AMBULANCE RUN REPORT

	WE DO NOT COLLECT THIS DATA	WE COLLECT BUT DO NOT CATALOG THIS DATA	WE COLLECT THIS INFO AND CATALOG MANUALLY	WE COLLECT THIS INFO AND CATALOG ELECTRONICALLY	WE USE ANOTHER PROCESS	USERS OF AMBULANCE RUN REPORTS					NO RESPONSE
						A	B	C	D	E	
Response Time Data	4	14	1	20	2	22	5	16	13	12	9
Vital Sign Data	7	22	2	9	1	10	6	6	3	8	9
Severity Indexing	12	7	3	17	1	14	8	11	3	12	10
Intervention Provided	6	13	1	19	1	20	7	13	4	11	10
EMT Identification	7	18	1	12	1	15	5	8	4	12	11
Response Location Data	6	15	2	16	1	16	7	12	9	12	10
Nature of Emergency	4	11	2	22	2	22	7	17	11	14	9
Patient Age and Sex	6	13	1	20	1	18	7	12	5	15	9
Comments and Text (Narrative)	8	26	2	1		7	4	5	1	8	13

* A = Squads; B = Hospitals; C = Regional Councils; D = Communities; E = EMS Office Use Only

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This report represents a first effort by the NASEMSD to conduct a nationwide comprehensive survey of emergency medical services in the U.S. The NASEMSD plans to periodically resurvey the states in order to develop updated versions of this report. The reader is urged to notify the Association with recommendations for improving future reports, including obtaining survey information for subject areas not included in this report.

The National EMS Clearinghouse is a service of the National Association of State Emergency Medical Service Directors, managed by The Council of State Governments.

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PREFACE

Emergency Medical Services across the nation have evolved into sophisticated systems with multiple components that work together in order to save human lives. To enhance the effectiveness of the emergency medical services, the National Association of State Emergency Medical Services Directors (NASEMSD) has recognized the need for states to exchange information on successful and best practices in emergency medical services and for states of geographical proximity to assist each other in their efforts to respond quickly and expertly to emergency situations.

To foster communication and information exchange across the nation and ultimately to increase the effectiveness of emergency services, the NASEMSD, with financial support from the National Disaster Medical System, surveyed all state emergency medical services directors concerning emergency medical services programs in their state. The survey covered the following components of EMS:

1) State EMS Office Functioning
2) Transportation
3) Communications
4) EMS and Disaster Preparedness
5) Evaluation/Information Systems
6) Public Information/Education
7) Training
8) Facilities

The survey project was undertaken with the support of Tom Harmelink former Director of Emergency Medical Services, North Carolina and former President of NASEMSD.

The NASEMSD Clearinghouse Committee assumed responsibility for the project. The committee is chaired by Sam Channell, Associate Director, Emergency Medical Services, West Virginia. The survey was written by members of a sub-committee of the NASEMSD Clearinghouse Committee. Members on the sub-committee are: Chair, Drew Dawson, Chief, Emergency Medical Services Bureau, Montana; Barak Wolff, Chief, Emergency Medical Services Bureau, New Mexico; and Dan Manz, Director, Emergency Medical Services, Vermont.

Reports from the survey were compiled and written by Fran Berry, Director, The National EMS Clearinghouse and Ellen Hume, Associate Director, the National EMS Clearinghouse. Typing and data entry assistance were provided by Pat Bancroft and Joy Pettit. We extend appreciation to Ms. Bancroft and Ms. Pettit for their hard work.

The survey compilation resulted in six reports. They are: 1) Administrative Structure, Functions and Budget Sources of State Emergency Medical Services Offices; 2) State Emergency Medical Services Transportation Systems; 3) State Emergency Medical Services Information and Public Education Systems; 5) The Training of State Emergency Medical Service Personnel; and 6) State Emergency Medical Services Facilities and Regulatory Control.

We hope these reports will be a useful resource to those involved in emergency medical services in the states.

Paul Anderson, President
National Association of State
Emergency Medical Services
Directors

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INTRODUCTION

The primary purpose of state emergency vehicles and services is to provide emergency victims with professional health care before arrival and admittance to a medical facility such as a hospital. There are a variety of services across the states that provide transportation of emergency medical personnel to the site of an emergency or that transport emergency victims to a health facility. Some emergency medical transportation services provide transportation for non-emergency purposes in the hopes that an emergency situation will be avoided in the future, and other services respond only to emergencies using air or ground emergency vehicles. Some emergency systems are directed by a physician, others are not; some are inspected regularly by the state EMS office, others are inspected only following complaints; some services and/or personnel are licensed, others are not.

This report includes information on the laws and policies governing emergency transportation services and vehicles in the U.S. states and on the numbers and types of services available to state residents. The intent of the report is to describe the many components of the EMS transportation systems in the states and to summarize the findings in order to reveal the current types and availability of state EMS transportation services in the U.S.

Until recently, little or no comparative information about EMS ground or air transportation services across the states existed. To supply this information, the National Association of State EMS Directors (NASEMSD) developed and distributed to state EMS Directors a questionnaire survey covering state emergency medical services. Information from the completed questionnaires were compiled by NASEMSD staff. The result of the compilation is six separate reports covering the following components of EMS:

(1) Structure, Function, and Budget Sources of State EMS Offices;

(2) EMS Transportation Systems;

(3) EMS Communications Systems and Levels of Preparedness for Disaster;

(4) EMS Information and Public Education Systems;

(5) EMS Personnel Training, and

(6) EMS Facilities and Regulatory Control.

These six reports are available through the NASEMSD at The Council of State Governments, Iron Works Pike, P.O. Box 11910, Lexington, KY 40578.

AVAILABLE TRANSPORTATION SYSTEMS

There are a variety of services across the states that provide transportation of emergency medical personnel to the site of an emergency or that transport emergency victims to a health facility. As Table 1 indicates, there is great variation between numbers of emergency vehicles and services available to U.S. residents depending on the geographical area in which they reside. For example, in Montana and Vermont there are no air ambulance services or vehicles available to its residents, in contrast to Florida which provides 46 air ambulance services and employs 82 air ambulance vehicles. Of the states that responded to the survey, the median number of available air ambulance services is three and the mode, or most often occurring number, is one. For vehicles, the median is six and the mode is three.

As would be expected, the numbers of available ground ambulance vehicles and services are much greater than air vehicles and services, with a high in Ohio of 2,500 vehicles to a low in the Virgin Islands of only 10 vehicles. The range for ground ambulance services is one in the Virgin

Islands to 1,078 in Pennsylvania. Most states require one emergency medical technician to be available on each emergency run. A few states require two EMT's per call and a few do not have any such requirement (see Table I).

As Table I shows, most states provide non-transporting emergency responder services. Several states also provide non-emergency transportation services for individuals requiring transportation to a hospital or doctor's office when no emergency is at hand.

Table II provides information on the actual number of ambulance vehicles and ambulance services belonging to or based in various state or federal agencies or belonging to private corporations. The table is fairly complex and an explanation of the way it should be read is in order. The state name is located in the left column, followed by a series of letters with an equals (=) sign with numbers following. The letters are abbreviations of government agencies or private corporations. (See the bottom of each page for an explanation of the abbreviations.) The numbers following the abbreviations are the number of services or vehicles belonging to that particular agency. For example, in Alabama two air ambulance services are based in hospitals, one is within the military and one is with a local police department. It is unknown by the Alabama EMS office if there are any private, non-profit air ambulance services in the state.

The statewide volume of emergency and non-emergency calls is not systematically collected or known in a significant number of states. In states where this information is collected and compiled, the annual number of emergency calls ranges between 8,000 in North Dakota and 1,000,000 in Ohio. For non-emergency calls, the range is a low of 6,000 in Wyoming to a high of 670,000 in Pennsylvania (see Table III).

Table I

EMS Transporation Services in the States

STATE	Total # of Air Ambul. Services	Total # of Air Ambul. Vehicles	Total # of Ground Ambul. Services	Total # of Ground Ambul. Vehicles	Total # of Non-trans. Responder Services	Total # of Non-trans. Responder Vehicles	Total # of Non-Emerg. Trans. Svcs.	No. of EMT's Required per call
Alabama	4	6	501	295	---	---	1	1
Alaska	3[1]	3	81	131	1	2	1	1
Arizona								
Arkansas	2	2	195	360	---	---	---	0-2
California								
Colorado	5	7	181	406	66	83	---	1
Connecticut	1	1	250	450	10	15	10	1
Delaware	1	2	57	100	1	5	1	1
Florida	46	82	214	787	133	487	43	1
Georgia	2	4	231	616	13	22	0	1
Hawaii	1	3	11	53	6	---	2	2
Idaho	4	7	99	161	87	105	---	1
Illinois	4	16	723	1647	---	---	---	2
Indiana	6	14	358	885	---	8	---	1
Iowa	3	3	383	614	---	---	35	2
Kansas	3	14	213	520	20	20	3	1
Kentucky								
Louisiana								
Maine	5	---	189	297	17	---	0	0
Maryland	1	10	24	450	---	---	15	0
Massachusetts	3	5	331	---	3	3	---	2
Michigan	22	37	403	1200	17	68	---	2
Minnesota	---	---	---	---	---	---	---	0
Mississippi	11	17	130	283	---	---	4	1
Missouri	4	6	264	720	---	---	---	0
Montana	0	0	110	---	0	0	0	0

Explanation of Symbols: --- =Information not provided

STATE	Total # of Air Ambul. Services	Total # of Air Ambul. Vehicles	Total # of Ground Ambul. Services	Total # of Ground Ambul. Vehicles	Total # of Non-trans. Responder Services	Total # of Non-trans. Responder Vehicles	Total # of Non-Emerg. Trans. Svcs.	No. of EMT's Required per call
Nebraska	3	3	350	475	25	---	2	1
Nevada	8	10	70	148	0	0	2	0
New Hampshire	0	1	132	225	32	---	9	0
New Jersey	3	6	700	1150	---	---	---	2
New Mexico	2	5	75	180	125	150	5	2
New York								
North Carolina	1	6	515	1225	130	---	14	1
North Dakota	5	0	134	238	50	35	0	0
Ohio	5	---	1061	2500	---	---	---	2
Oklahoma								
Oregon	---	---	---	---	---	---	---	1
Pennsylvania	6	13	1078	2074	44	44	102	1
Rhode Island								
South Carolina	1	2	180	454	---	---	3	1
South Dakota								
Tennessee	19	---	141	499	---	---	24	1
Texas	10	12	1002	2352	---	---	---	0
Utah	---	---	---	---	---	---	---	2
Vermont	0	0	81	151	45	---	2	0
Virginia	6	7	450	1414	10	23	30	1
Washington	10	15	230	523	205	449	---	1
West Virginia	1	3	190	525	---	---	---	0
Wisconsin	16	---	427	734	130	---	---	1
Wyoming	8	16	82	160	30	30	2	1
American Samoa								
D.C.	---	---	---	---	---	---	---	2
Guam								
Puerto Rico								
Virgin Islands	3	3	1	10	0	0	2	2

Explanation of Symbols: --- =Information was not provided

Footnotes: [1]Alaska has two criticl care air ambulance services in Alaska, plus one in Seattle which serves the Southeast region.

TABLE II

EMS TRANSPORTATION SERVICES
Total Number by Type of State Service

STATE	AIR AMBULANCE SERVICE	AIR AMBULANCE VEHICLES	GROUND AMBULANCE SERVICE	GROUND AMBULANCE VEHICLES	NON-TRANS. RESPONDER SERVICES	NON-TRANS. RESPONDER VEHICLES	NON-EMERG. TRANSPORT. SERVICES
Alabama	SP=Un LP=1 HB=2 Mil=1 PN=Un PP=-- VI=-- FV=-- FP=-- LG=--	SP=Un LP=1 HB=3 Mil=2 PN=Un PP=-- VI=-- FV=-- FP=-- LG=--	SP=Un LP=2 HB=19 Mil=9 PN=Un PP=62 VI=80 FV=21 FP=38 LG=30	SP=Un LP=2 HB=38 Mil=9 PN=Un PP=124 VI=50 FV=12 FP=22 LG=60	SP=1 LP=-- HB=-- Mil=-- PN=Un PP=-- VI=30 FD=9 FP=16 LG=Un	SP=1 LP=-- HB=-- Mil=-- PN=Un PP=-- VI=Un FV=Un FP=Un LG=Un	SP=0 LP=-- HB=-- Mil=-- PN=Un PP=1 VI=Un FV=Un FP=Un LG=Un
Alaska	SP=2 LP=0 HB=1 Mil=1 PN=5 PP=2 VI=-- FV=-- FP=-- LG=0	SP=2 LP=0 HB=-- Mil=6 PN=-- PP=2 VI=-- FV=-- FP=-- LG=0	SP=0 LP=2 HB=-- Mil=-- PN=-- PP=1 VI=31 FV=25 FP=4 LG=2	SP=0 LP=4 HB=-- Mil=-- PN=1--PP=1 VI=36 FV=55 FP=16 LG=2	SP=0 LP=0 HB=-- Mil=-- PN=1 PP=0 VI=-- FV=-- FP=-- LG=--	SP=0 LP=0 HB=-- Mil=-- PN=-- PP=0 VI=-- FV=-- FP=-- LG=--	SP=0 LP=0 HB=-- Mil=-- PN=-- PP=1 VI=-- FV=-- FP=-- LG=--
Arizona							
Arkansas	SP=-- LP=-- HB=2 Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=Un HB=2 Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=2 HB=30 Mil=-- PN=-- PP=50 VI=20 FV=25 FP=22 LG=25	SP=-- LP=3 HB=60 Mil=-- PN=100PP=-- VI=30 FV=50 FP=44 LG=49	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--
California	SP=Un LP=Un HB=Un Mil=Un PN=Un PP=Un VI=Un FV=Un FP=Un LG=Un	SP=Un LP=Un HB=Un Mil=Un PN=Un PP=Un VI=Un FV=Un FP=Un LG=Un	SP=Un LP=Un HB=Un Mil=Un PN=Un PP=Un VI=Un FV=Un FP=Un LG=Un	SP=Un LP=Un HB=Un Mil=Un PN=Un PP=Un VI=Un FV=Un FP=Un LG=Un	SP=Un LP=Un HB=Un Mil=Un PN=Un PP=Un VI=Un FV=Un FP=Un LG=Un	SP=Un LP=Un HB=Un Mil=Un PN=Un PP=Un VI=Un FV=Un FP=Un LG=Un	SP=Un LP=Un HB=Un Mil=Un PN=Un PP=Un VI=Un FV=Un FP=Un LG=Un

KEY:

SP = State Police
HB = Hospital Based
PN = Private Non-Profit
VI = Volunteer-Independent
FP = Fire Department-Paid
-- = Information Not Provided

LP = Local Police
Mil = Military
PP = Private For-Profit
FV = Fire Department-Volunteer
LG = Local Government
Un = Unknown

STATE	AIR AMBULANCE SERVICE	AIR AMBULANCE VEHICLES	GROUND AMBULANCE SERVICE	GROUND AMBULANCE VEHICLES	NON-TRANS. RESPONDER SERVICES	NON-TRANS. RESPONDER VEHICLES	NON-EMERG. TRANSPORT. SERVICES
Colorado	SP=0 LP=--	SP=-- LP=--	SP=0 LP=1	SP=-- LP=--	SP=0 LP=--	SP=-- LP=--	SP=-- LP=--
	HB=5 Mil=--	HB=-- Mil=--	HB=6 Mil=--	HB=-- Mil=--	HB=-- Mil=--	HB=-- Mil=--	HB=-- Mil=--
	PN=-- PP=--	PN=-- PP=--	PN=-- PP=--	PN=-- PP=--	PN=-- PP=--	PN=-- PP=--	PN=-- PP=--
	VI=-- FV=--	VI=-- FV=--	VI=-- FV=--	VI=-- FV=--	VI=-- FV=--	VI=-- FV=--	VI=-- FV=--
	FP=-- LG=--	FP=-- LG=--	FP=-- LG=--	FP=-- LG=--	FP=-- LG=--	FP=-- LG=--	FP=-- LG=--
Connecticut	SP=0 LP=0	SP=0 LP=0	SP=0 LP=2	SP=0 LP=8	SP=0 LP=0	SP=0 LP=0	SP=0 LP=0
	HB=1 Mil=0	HB=1 Mil=0	HB=2 Mil=0	HB=8 Mil=0	HB=-- Mil=--	HB=-- Mil=--	HB=-- Mil=--
	PN=0 PP=--	PN=0 PP=--	PN=5 PP=45	PN=10 PP=130	PN=-- PP=--	PN=-- PP=--	PN=-- PP=10
	VI=-- FV=--	VI=-- FV=--	VI=50 FV=130	VI=84 FV=170	VI=1 FV=--	VI=2 FV=--	VI=-- FV=--
	FP=-- LG=--	FP=-- LG=--	FP=16 LG=--	FP=40 LG=--	FP=9 LG=--	FP=15 LG=--	FP=-- LG=--
Delaware	SP=1 LP=--	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--
	HB=-- Mil=--	HB=-- Mil=--	HB=1 Mil=--	HB=-- Mil=--	HB=-- Mil=--	HB=-- Mil=--	HB=-- Mil=--
	PN=-- PP=--	PN=-- PP=--	PN=-- PP=1	PN=-- PP=--	PN=-- PP=--	PN=-- PP=--	PN=-- PP=1
	VI=-- FV=--	VI=-- FV=--	VI=4 FV=51	VI=-- FV=--	VI=-- FV=--	VI=-- FV=--	VI=-- FV=--
	FP=-- LG=--	FP=-- LG=--	FP=-- LG=2	FP=-- LG=--	FP=-- LG=--	FP=-- LG=--	FP=-- LG=--
Florida	SP=0 LP=2	SP=0 LP=2	SP=0 LP=1	SP=0 LP=1	SP=0 LP=0	SP=0 LP=0	SP=0 LP=0
	HB=3 Mil=0	HB=2 Mil=8	HB=1 Mil=14	HB=1 Mil=67	HB=0 Mil=0	HB=0 Mil=0	HB=0 Mil=0
	PN=0 PP=46	PN=0 PP=82	PN=0 PP=49	PN=0 PP=118	PN=0 PP=0	PN=0 PP=0	PN=0 PP=43
	VI=0 FV=0	VI=0 FV=0	VI=5 FV=28	VI=14 FV=9	VI=0 FV=0	VI=0 FV=0	VI=1 FV=0
	FP=0 LG=1	FP=0 LG=1	FP=86 LG=--	FP=254 LG=--	FP=6 LG=--	FP=-- LG=--	FP=0 LG=--
Georgia	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--
	HB=1 Mil=--	HB=1 Mil=--	HB=73 Mil=--	HB=-- Mil=--	HB=-- Mil=--	HB=-- Mil=--	HB=-- Mil=--
	PN=-- PP=1	PN=-- PP=2	PN=-- PP=32	PN=-- PP=--	PN=-- PP=--	PN=-- PP=--	PN=-- PP=--
	VI=-- FV=--	VI=-- FV=--	VI=14 FV=3	VI=22 FV=--	VI=2 FV=3	VI=-- FV=--	VI=-- FV=--
	FP=-- LG=--	FP=-- LG=--	FP=8 LG=54	FP=-- LG=--	FP=8 LG=--	FP=-- LG=--	FP=-- LG=--

KEY:

SP = State Police
HB = Hospital Based
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PP = Fire Department-Paid
-- = Information Not Provided

LP = Local Police
Mil = Military
PP = Private For-Profit
FV = Fire Department-Volunteer
LG = Local Government
Un = Unknown

STATE	AIR AMBULANCE SERVICE	AIR AMBULANCE VEHICLES	GROUND AMBULANCE SERVICE	GROUND AMBULANCE VEHICLES	NON-TRANS. RESPONDER SERVICES	NON-TRANS. RESPONDER VEHICLES	NON-EMERG. TRANSPORT. SERVICES
Hawaii	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--
	HB=-- Mil=--	HB=-- Mil=--	HB=5 Mil=--	HB=-- Mil=--	HB=-- Mil=--	HB=-- Mil=--	HB=-- Mil=--
	PN=-- PP=1	PN=-- PP=--	PN=-- PP=2	PN=-- PP=--	PN=-- PP=--	PN=-- PP=--	PN=-- PP=--
	VI=-- FV=--	VI=-- FV=--	VI=-- FV=--	VI=-- FV=--	VI=-- FV=--	VI=-- FV=--	VI=-- FV=--
	FP=-- LG=--	FP=-- LG=--	FP=1 LG=1	FP=-- LG=--	FP=-- LG=--	FP=-- LG=--	FP=-- LG=--
Idaho	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--
	HB=1 Mil=1	HB=1 Mil=3	HB=9 Mil=1	HB=20 Mil=2	HB=-- Mil=--	HB=-- Mil=--	HB=-- Mil=--
	PN=2 PP=--	PN=3 PP=--	PN= --PP=7	PN=-- PP=20	PN=-- PP=--	PN=-- PP=--	PN=-- PP=--
	VI=-- FV=--	VI=-- FV=--	VI=67 FV=6	VI=79 FV=8	VI=66 FV=8	VI=73 FV=8	VI=-- FV=--
	FP=-- LG=--	FP=-- LG=--	FP=6 LG=2	FP=20 LG=9	FP=10 LG=--	FP=24 LG=--	FP=-- LG=--
Illinois	SP=0 LP=0	SP=0 LP=0	SP=0 LP=6	SP=0 LP=Un	SP=0 LP=Un	SP=0 LP=Un	SP=0 LP=Un
	HB=2 Mil=2	HB=3 Mil=10	HB=13 Mil=Un	HB=Un Mil=Un	HB=Un Mil=Un	HB=Un Mil=Un	HB=Un Mil=Un
	PN=Un PP=Un	PN=Un PP=Un	PN=Un PP=128	PN=Un PP=Un	PN=Un PP=Un	PN=Un PP=Un	PN=Un PP=Un
	VI=Un FV=0	VI=Un FV=0	VI=Un FV=96	VI=Un FV=Un	VI=Un FV=Un	VI=Un FV=Un	VI=Un FV=Un
	FP=1 LG=1	FP=2 LG=2	FP=288 LG=153	FP=Un LG=Un	FP=Un LG=Un	FP=Un LG=Un	FP=Un LG=Un
Indiana	SP=0- LP=--	SP=0 LP=--	SP=0 LP=5	SP=0 LP=9	SP=0 LP=--	SP=0- LP=--	SP=0 LP=--
	HB=-- Mil=--	HB=-- Mil=6	HB=5 Mil=34	HB=9 Mil=137	HB=-- Mil=--	HB=-- Mil=4	HB=-- Mil=--
	PN=-- PP=--	PN=-- PP=8	PN=0 PP=72	PN=-- PP=234	PN=-- PP=--	PN=-- PP=2	PN=-- PP=--
	VI=-- FV=--	VI=-- FV=--	VI=63 FV=61	VI=103 FV=85	VI=-- FV=--	VI=-- FV=--	VI=-- FV=--
	FP=-- LG=--	FP=-- LG=--	FP=32 LG=34	FP=83 LG=119	FP=-- LG=--	FP=-- LG=2	FP=-- LG=--
Iowa	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--
	HB=3 Mil=1	HB=3 Mil=1	HB=34 Mil=--	HB=123 Mil=--	HB=-- Mil=--	HB=-- Mil=--	HB=-- Mil=--
	PN=-- PP=--	PN=-- PP=3	PN=-- PP=43	PN=-- PP=116	PN=-- PP=--	PN=-- PP=--	PN=-- PP=--
	VI=-- FV=--	VI=-- FV=--	VI=29 FV=141	VI=47 FV=143	VI=-- FV=89	VI=-- FV=249	VI=-- FV=--
	FP=-- LG=--	FP=-- LG=--	FP=7 LG=117	FP=26 LG=138	FP=-- LG=--	FP=-- LG=--	FP=-- LG=--

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STATE	AIR AMBULANCE SERVICE	AIR AMBULANCE VEHICLES	GROUND AMBULANCE SERVICE	GROUND AMBULANCE VEHICLES	NON-TRANS. RESPONDER SERVICES	NON-TRANS. RESPONDER VEHICLES	NON-EMERG. TRANSPORT. SERVICES
Kansas	SP=-- LP=--	SP=-- LP=--	SP=-- LP=5	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--
	HB=1 Mil=--	HB=-- Mil=--	HB=18 Mil=--	HB=-- Mil=--	HB=-- Mil=--	HB=-- Mil=--	HB=-- Mil=--
	PN=-- PP=2	PN=-- PP=--	PN=-- PP=20	PN=-- PP=--	PN=-- PP=--	PN=-- PP=--	PN=-- PP=--
	VI=-- FV=--	VI=-- FV=--	VI=124 FV=14	VI=-- FV=--	VI=-- FV=--	VI=-- FV=--	VI=-- FV=--
	FP=-- LG=--	FP=-- LG=--	FP=16 LG=13	FP=-- LG=--	FP=-- LG=--	FP=-- LG=--	FP=-- LG=--
Kentucky	SP=0 LP=0	SP=0 LP=0	SP=0 LP=1	SP=0 LP=15	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--
	HB=2 Mil=2	HB=2 Mil=2	HB=15 Mil=--	HB=-- Mil=--	HB=-- Mil=--	HB=-- Mil=--	HB=-- Mil=--
	PN=0 PP=1	PN=0 PP=1	PN=6 PP=61	PN=-- PP=--	PN=-- PP=0	PN=-- PP=0	PN=-- PP=11
	VI=-- FV=--	VI=-- FV=--	VI=26 FV=49	VI=-- FV=--	VI=0 FV=0	VI=0 FV=0	VI=0 FV=0
	FP=-- LG=--	FP=-- LG=--	FP=24 LG=76	FP=-- LG=--	FP=0 LG=0	FP=0 LG=0	FP=0 LG=0
Louisiana	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--
	HB=-- Mil=--	HB=-- Mil=--	HB=-- Mil=--	HB=-- Mil=--	HB=-- Mil=--	HB=-- Mil=--	HB=-- Mil=--
	PN=-- PP=--	PN=-- PP=--	PN=-- PP=--	PN=-- PP=--	PN=-- PP=--	PN=-- PP=--	PN=-- PP=--
	VI=-- FV=--	VI=-- FV=--	VI=-- FV=--	VI=-- FV=--	VI=-- FV=--	VI=-- FV=--	VI=-- FV=--
	FP=-- LG=--	FP=-- LG=--	FP=-- LG=--	FP=-- LG=--	FP=-- LG=--	FP=-- LG=--	FP=-- LG=--
Maine	SP=-- LP=--	SP=-- LP=--	SP=0 LP=2	SP=0 LP=3	SP=0 LP=0	SP=0 LP=0	SP=-- LP=--
	HB=-- Mil=1	HB=-- Mil=3	HB=9 Mil=1	HB=21 Mil=1	HB=0 Mil=--	HB=0 Mil=0	HB=-- Mil=--
	PN=-- PP=--	PN=-- PP=--	PN=52 PP=28	PN=80 PP=48	PN=2 PP=--	PN=-- PP=--	PN=-- PP=--
	VI=-- FV=--	VI=-- FV=--	VI=38 FV=19	VI=48 FV=25	VI=-- FV=14	VI=-- FV=10	VI=-- FV=--
	FP=-- LG=--	FP=-- LG=--	FP=22 LG=--	FP=32 LG=--	FP=3 LG=--	FP=3 LG=--	FP=-- LG=--
Maryland	SP=-- LP=--	SP=10 LP=0	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--
	HB=-- Mil=--	HB=0 Mil=--	HB=-- Mil=--	HB=-- Mil=--	HB=-- Mil=--	HB=-- Mil=--	HB=-- Mil=--
	PN=-- PP=--	PN=0 PP=--	PN=-- PP=--	PN=-- PP=--	PN=-- PP=--	PN=-- PP=--	PN=-- PP=--
	VI=-- FV=--	VI=-- FV=--	VI=-- FV=--	VI=-- FV=--	VI=-- FV=--	VI=-- FV=--	VI=-- FV=--
	FP=-- LG=--	FP=-- LG=--	FP=-- LG=--	FP=-- LG=--	FP=-- LG=--	FP=-- LG=--	FP=-- LG=--

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Massachusettes	SP=0 LP=0 HB=2 Mil=2 PN=0 PP=0 VI=0 FV=0 FP=0 LG=0	SP=0 LP=0 HB=2 Mil=4 PN=0 PP=0 VI=0 FV=0 FP=0 LG=0	SP=0 LP=30 HB=1 Mil=7 PN=3 PP=68 VI=20 FV=52 FP=108 LG=34	SP=0 LP=43 HB=2 Mil=0 PN=5 PP=326 VI=27 FV=63 FP=169 LG=70	SP=0 LP=0 HB=3 Mil=0 PN=0 PP=0 VI=UN FV=UN FP=UN LG=UN	SP=0 LP=0 HB=3 Mil=0 PN=0 PP=0 VI=UN FV=UN FP=UN LG=UN	SP=0 LP=0 HB=0 Mil=0 PN=0 PP=31 VI=0 FV=0 FP=0 LG=0
Michigan	SP=-- LP=2 HB=1 Mil=-- PN=20 PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=23 Mil=-- PN=101 PP=236 VI=101 FV=40 FP=7 LG=14	SP=-- LP=-- HB=51 Mil=-- PN=-- PP=678 VI=202 FV=40 FP=112 LG=UN	SP=-- LP=11 HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--
Minnesota	SP=-- LP=-- HB=1 Mil=-- PN=-- PP=4 VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=7 HB=49 Mil=-- PN=1 PP=57 VI=-- FV=58 FP=5 LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--
Mississippi	SP=-- LP=-- HB=1 Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=2 Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=60 Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=144 Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=3 Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--
Missouri	SP=-- LP=-- HB=4 Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=40 Mil=-- PN=-- PP=35 VI=4 FV=-- FP=19 LG=159	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--

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Montana	SP=0 LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=0 LP=0 HB=7 Mil=-- PN=-- PP=12 VI=45 FV=9 FP=5 LG=21	SP=-- LP=0 HB=14 Mil=-- PN=-- PP=43 VI=69 FV=10 FP=13 LG=46	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=UN VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=UN VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--
Nebraska	SP=-- LP=-- HB=3 Mil=1 PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=3 Mil=16 PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=10 VI=50 FV=275 FP=7 LG=6	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=50 VI=100 FV=254 FP=20 LG=14	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--
Nevada	SP=-- LP=-- HB=2 Mil=-- PN=-- PP=4 VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=3 Mil=-- PN=-- PP=5 VI=25 FV=-- FP=4 LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--
New Hampshire	SP=0 LP=0 HB=2 Mil=0 PN=-- PP=0 VI=0 FV=0 FP=0 LG=0	SP=0 LP=0 HB=2 Mil=0 PN=-- PP=0 VI=0 FV=0 FP=0 LG=0	SP=0 LP=0 HB=4 Mil=0 PN=-- PP=23 VI=50 FV=25 FP=25 LG=0	SP=0 LP=0 HB=8 Mil=0 PN=0 PP=59 VI=62 FV=39 FP=52 LG=0	SP=0 LP=0 HB=0 Mil=0 PN=0 PP=0 VI=22 FV=10 FP=0 LG=0	SP=0 LP=0 HB=0 Mil=0 PN=0 PP=0 VI=0 FV=0 FP=0 LG=0	SP=0 LP=0 HB=0 Mil=0 PN=0 PP=0 VI=0 FV=0 FP=0 LG=0
New Jersey	SP=1 LP=-- HB=-- Mil=-- PN=-- PP=2 VI=-- FV=-- FP=-- LG=--	SP=4- LP=-- HB=-- Mil=-- PN=-- PP=3 VI=-- FV=-- FP=-- LG=--	SP=-- LP=15 HB=28 Mil=-- PN=-- PP=109 VI=620 FV=25 FP=17 LG=--	SP=-- LP=30 HB=42 Mil=-- PN=-- PP=150 VI=900 FV=70 FP=50 LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--

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New Mexico	SP=-- LP=--	SP=-- LP=--	SP=-- LP=3	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--
	HB=1 Mil=--	HB=-- Mil=--	HB=-- Mil=--	HB=-- Mil=--	HB=-- Mil=--	HB=-- Mil=--	HB=-- Mil=--
	PN=-- PP=1	PN=-- PP=--	PN=-- PP=10	PN=-- PP=--	PN=-- PP=--	PN=-- PP=--	PN=-- PP=5
	VI=-- FV=--	VI=-- FV=--	VI=6 FV=9	VI=-- FV=--	VI=-- FV=95	VI=-- FV=--	VI=-- FV=--
	FP=-- LG=--	FP=-- LG=--	FP=9 LG=24	FP=-- LG=--	FP=15 LG=--	FP=-- LG=--	FP=-- LG=--
New York	SP=-- LP=--	SP=-- LP=--	SP=-- LP=2	SP=-- LP=6	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--
	HB=-- Mil=--	HB=-- Mil=--	HB=31 Mil=--	HB=125 Mil=--	HB=-- Mil=--	HB=-- Mil=--	HB=-- Mil=--
	PN=1 PP=0	PN=1 PP=0	PN=-- PP=112	PN=-- PP=600	PN=-- PP=--	PN=-- PP=--	PN=-- PP=--
	VI=-- FV=--	VI=-- FV=--	VI=338 FV=538	VI=1200 FV=1800	VI=-- FV=--	VI=-- FV=--	VI=-- FV=--
	FP=-- LG=--	FP=-- LG=--	FP=14 LG=--	FP=35 LG=10	FP=-- LG=200	FP=-- LG=--	FP=-- LG=--
N. Carolina	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--	SP=-- LP=2	SP=-- LP=--	SP=-- LP=--
	HB=-- Mil=1	HB=-- Mil=6	HB=21 Mil=--	HB=57 Mil=--	HB=-- Mil=--	HB=-- Mil=--	HB=-- Mil=--
	PN=-- PP=--	PN=-- PP=--	PN=-- PP=20	PN=-- PP=81	PN=-- PP=--	PN=-- PP=--	PN=-- PP=--
	VI=-- FV=--	VI=-- FV=--	VI=271 FV=84	VI=623 FV=129	VI=9 FV=107	VI=-- FV=--	VI=-- FV=--
	FP=-- LG=--	FP=-- LG=--	FP=10 LG=67	FP=37 LG=188	FP=11 LG=--	FP=-- LG=--	FP=-- LG=--
North Dakota	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--	SP=-- LF=--	SP=-- LP=--
	HB=-- Mil=--	HB=-- Mil=--	HB=10 Mil=--	HB=24 Mil=--	HB=-- Mil=--	HB=-- Mil=--	HB=-- Mil=--
	PN=-- PP=--	PN=-- PP=--	PN=-- PP=8	PN=-- PP=29	PN=-- PP=--	PN=-- PP=--	PN=-- PP=--
	VI=-- FV=--	VI=-- FV=--	VI=76 FV=31	VI=123 FV=48	VI=-- FV=--	VI=-- FV=--	VI=-- FV=--
	FP=-- LG=--	FP=-- LG=--	FP=-- LG=--	FP=-- LG=--	FP=-- LG=--	FP=-- LG=--	FP=-- LG=--
Ohio	SP=-- LP=--	SP=-- LP=--	SP=14 LP=--	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--
	HB=5 Mil=--	HB=-- Mil=--	HB=-- Mil=8	HB=-- Mil=--	HB=-- Mil=--	HB=-- Mil=--	HB=-- Mil=--
	PN=-- PP=--	PN=-- PP=--	PN=-- PP=231	PN=-- PP=--	PN=-- PP=--	PN=-- PP=--	PN=-- PP=--
	VI=-- FV=--	VI=-- FV=--	VI=-- FV=--	VI=-- FV=--	VI=-- FV=--	VI=-- FV=--	VI=-- FV=--
	FP=-- LG=--	FP=-- LG=--	FP=660 LG=--	FP=-- LG=--	FP=-- LG=--	FP=-- LG=--	FP=-- LG=--

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Oklahoma	SP=0 LP=--	SP=0 LP=--	SP=0 LP=7	SP=0 LP=--	SP=0 LP=0	SP=0 LP=--	SP=0 LP=--
	HB=2 Mil=1	HB=-- Mil=--	HB=25 Mil=0	HB=-- Mil=--	HB=0 Mil=0	HB=-- Mil=--	HB=-- Mil=--
	PN=0 PP=0	PN=-- PP=--	PN=0 PP=--	PN=-- PP=--	PN=0 PP=0	PN=-- PP=--	PN=-- PP=--
	VI=0 FV=0	VI=-- FV=--	VI=37 FV=17	VI=-- FV=--	VI=-- FV=--	VI=-- FV=--	VI=-- FV=--
	FP=0 LG=0	FP=-- LG=--	FP=21 LG=45	FP=-- LG=--	FP=0 LG=0	FP=-- LG=--	FP=-- LG=--
Oregon	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--
	HB=-- Mil=--	HB=-- Mil=--	HB=-- Mil=--	HB=-- Mil=--	HB=-- Mil=--	HB=-- Mil=--	HB=-- Mil=--
	PN=-- PP=--	PN=-- PP=--	PN=-- PP=--	PN=-- PP=--	PN=-- PP=--	PN=-- PP=--	PN=-- PP=--
	VI=-- FV=--	VI=-- FV=--	VI=-- FV=--	VI=-- FV=--	VI=-- FV=--	VI=-- FV=--	VI=-- FV=--
	FP=-- LG=--	FP=-- LG=--	FP=-- LG=--	FP=-- LG=--	FP=-- LG=--	FP=-- LG=--	FP=-- LG=--
Pennsylvania	SP=1 LP=--	SP=6 LP=--	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--
	HB=4 Mil=--	HB=5 Mil=--	HB=12 Mil=4	HB=16 Mil=4	HB=19 Mil=--	HB=19 Mil=--	HB=-- Mil=--
	PN=-- PP=2	PN=-- PP=2	PN=-- PP=16	PN=-- PP=28	PN=-- PP=--	PN=-- PP=--	PN=-- PP=102
	VI=-- FV=--	VI=-- FV=--	VI=-- FV=--	VI=-- FV=--	VI=-- FV=--	VI=-- FV=--	VI=-- FV=--
	FP=-- LG=--	FP=-- LG=--	FP=81 LG=56	FP=145 LG=100	FP=-- LG=3	FP=-- LG=4	FP=-- LG=--
Rhode Island	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--	SP=1 LP=3	SP=2 LP=3	SP=-- LP=--	SP=-- LP=--
	HB=-- Mil=--	HB=-- Mil=--	HB=-- Mil=--	HB=-- Mil=--	HB=-- Mil=--	HB=2 Mil=--	HB=-- Mil=--
	PN=-- PP=--	PN=-- PP=--	PN=-- PP=13	PN=-- PP=29	PN=-- PP=--	PN=-- PP=--	PN=-- PP=--
	VI=-- FV=--	VI=-- FV=--	VI=22 FV=36	VI=-- FV=--	VI=-- FV=--	VI=-- FV=--	VI=-- FV=--
	FP=-- LG=--	FP=-- LG=--	FP=24 LG=--	FP=-- LG=--	FP=-- LG=--	FP=-- LG=--	FP=-- LG=--
S. Carolina	SP=0 LP=0	SP=0 LP=0	SP=0 LP=0	SP=0 LP=0	SP=0 LP=0	SP=0 LP=0	SP=0 LP=0
	HB=0 Mil=1	HB=0 Mil=2	HB=12 Mil=1	HB=33 Mil=5	HB=-- Mil=--	HB=-- Mil=--	HB=1 Mil=--
	PN=-- PP=0	PN=-- PP=0	PN=1 PP=8	PN=1 PP=35	PN=-- PP=Un	PN=-- PP=Un	PN=-- PP=10
	VI=0 FV=0	VI=0 FV=0	VI=99 FV=3	VI=191 FV=3	VI=Un FV=Un	VI=Un FV=Un	VI=4 FV=0
	FP=0 LG=--	FP=0 LG=--	FP=1 LG=41	FP=1 LG=175	FP=Un LG=--	FP=Un LG=--	FP=0 LG=--

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South Dakota							
Tennessee	SP=-- LP=1 HB=5 Mil=1 PN=1 PP=11 VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=1 LP=1 HB=21 Mil=1 PN=2 PP=26 VI=22 FV=4 FP=6 LG=52	SP=1 LP=1 HB=57 Mil=1 PN=13 PP=82 VI=76 FV=5 FP=73 LG=184	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--
Texas	SP=-- LP=-- HB=2 Mil=1 PN=-- PP=7 VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=16 HB=60 Mil=20 PN=-- PP=280 VI=140 FV=137 FP=93 LG=59	SP=-- LP=31 HB=162 Mil=30 PN=-- PP=725 VI=265 FV=212 FP=360 LG=181	SP=1 LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=1 LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--
Utah	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=-- VI=-- FV=-- FP=-- LG=--
Vermont	SP=0 LP=0 HB=-- Mil=0 PN=-- PP=0 VI=0 FV=0 FP=0 LG=0	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=0 VI=0 FV=0 FP=0 LG=0	SP=0 LP=0 HB=1 Mil=0 PN=0 PP=7 VI=40 FV=9 FP=6 LG=16	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=15 VI=83 FV=10 FP=16 LG=26	SP=0 LP=0 HB=-- Mil=0 PN=0 PP=Un VI=Un FV=Un FP=Un LG=Un	SP=-- LP=-- HB=-- Mil=-- PN=-- PP=Un VI=Un FV=Un FP=Un LG=Un	SP=0 LP=0 HB=1 Mil=0 PN=0 PP=0 VI=1 FV=0 FP=0 LG=0

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Virginia	SP=1 LP=1	SP=1 LP=2	SP=0 LP=0	SP=0 LP=0	SP=0 LP=0	SP=0 LP=0	SP=0 LP=0
	HB=4 Mil=--	HB=4 Mil=--	HB=15 Mil=--	HB=15 Mil=--	HB=0 Mil=--	HB=0 Mil=--	HB=0 Mil=--
	PN=-- PP=--	PN=-- PP=--	PN=-- PP=77	PN=-- PP=Un	PN=-- PP=--	PN=-- PP=--	PN=-- PP=14
	VI=-- FV=--	VI=-- FV=--	VI=268 FV=67	VI=Un FV=Un	VI=-- FV=--	VI=-- FV=--	VI=-- FV=--
	FP=-- LG=--	FP=-- LG=--	FP=-- LG=7	FP=Un LG=88	FP=-- LG=--	FP=-- LG=--	FP=-- LG=--
Washington	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--
	HB=-- Mil=--	HB=-- Mil=--	HB=-- Mil=--	HB=-- Mil=--	HB=-- Mil=--	HB=-- Mil=--	HB=-- Mil=--
	PN=-- PP=--	PN=-- PP=--	PN=-- PP=--	PN=-- PP=--	PN=-- PP=--	PN=-- PP=--	PN=-- PP=--
	VI=-- FV=--	VI=-- FV=--	VI=-- FV=--	VI=-- FV=--	VI=-- FV=--	VI=-- FV=--	VI=-- FV=--
	FP=-- LG=--	FP=-- LG=--	FP=-- LG=--	FP=-- LG=--	FP=-- LG=--	FP=-- LG=--	FP=-- LG=--
W. Virginia	SP=1 LP=0	SP=1 LP=0	SP=0 LP=0	SP=0 LP=0	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--
	HB=0 Mil=0	HB=0 Mil=0	HB=5 Mil=0	HB=11 Mil=0	HB=-- Mil=--	HB=-- Mil=--	HB=-- Mil=--
	PN=0 PP=0	PN=0 PP=0	PN=1 PP=23	PN=3 PP=35	PN=-- PP=--	PN=-- PP=--	PN=-- PP=--
	VI=0 FV=0	VI=0 FV=0	VI=86 FV=64	VI=292 FV=140	VI=-- FV=--	VI=-- FV=--	VI=-- FV=--
	FP=0 LG=0	FP=0 LG=0	FP=5 LG=1	FP=10 LG=6	FP=-- LG=--	FP=-- LG=--	FP=-- LG=--
Wisconsin	SP=-- LP=--	SP=-- LP=--	SP=0 LP=5	SP=-- LP=11	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--
	HB=2 Mil=--	HB=2 Mil=--	HB=21 Mil=0	HB=43 Mil=--	HB=-- Mil=--	HB=-- Mil=--	HB=-- Mil=--
	PN=-- PP=14	PN=-- PP=Un	PN=15 PP=53	PN=19 PP=104	PN=10 PP=--	PN=-- PP=Un	PN=-- PP=Un
	VI=-- FV=--	VI=-- FV=--	VI=101 FV=130	VI=215 FV=191	VI=80 FV=25	VI=-- FV=--	VI=-- FV=--
	FP=-- LG=--	FP=-- LG=--	FP=49 LG=48	FP=86 LG=56	FP=10 LG=5	FP=-- LG=--	FP=-- LG=--
Wyoming	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--
	HB=1 Mil=--	HB=-- Mil=--	HB=10 Mil=--	HB=-- Mil=--	HB=-- Mil=--	HB=-- Mil=--	HB=-- Mil=--
	PN=-- PP=7	PN=-- PP=--	PN=-- PP=10	PN=-- PP=--	PN=-- PP=--	PN=-- PP=--	PN=-- PP=2
	VI=-- FV=--	VI=-- FV=--	VI=-- FV=40	VI=-- FV=--	VI=30 FV=--	VI=-- FV=--	VI=-- FV=--
	FP=-- LG=--	FP=-- LG=--	FP=1 LG=15	FP=-- LG=--	FP=-- LG=--	FP=-- LG=--	FP=-- LG=--

KEY:

SP = State Police
HB = Hospital Based
PN = Private Non-Profit
VI = Volunteer-Independent
FP = Fire Department-Paid
-- = Information Not Provided

LP = Local Police
Mil = Military
PP = Private For-Profit
FV = Fire Department-Volunteer
LG = Local Government
Un = Unknown

STATE	AIR AMBULANCE SERVICE	AIR AMBULANCE VEHICLES	GROUND AMBULANCE SERVICE	GROUND AMBULANCE VEHICLES	NON-TRANS. RESPONDER SERVICES	NON-TRANS. RESPONDER VEHICLES	NON-EMERG. TRANSPORT. SERVICES
D.C.	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--
	HB=-- Mil=--	HB=-- Mil=--	HB=-- Mil=--	HB=-- Mil=--	HB=-- Mil=--	HB=-- Mil=--	HB=-- Mil=--
	PN=-- PP=--	PN=-- PP=--	PN=-- PP=--	PN=-- PP=--	PN=-- PP=--	PN=-- PP=--	PN=-- PP=--
	VI=-- FV=--	VI=-- FV=--	VI=-- FV=--	VI=-- FV=--	VI=-- FV=--	VI=-- FV=--	VI=-- FV=--
	FP=-- LG=--	FP=-- LG=--	FP=19 LG=--	FP=5 LG=--	FP=36 LG=--	FP=68 LG=--	FP=-- LG=--
Amer. Samoa							
Guam	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--
	HB=-- Mil=--	HB=-- Mil=--	HB=-- Mil=--	HB=-- Mil=--	HB=-- Mil=--	HB=-- Mil=--	HB=-- Mil=--
	PN=-- PP=--	PN=-- PP=--	PN=-- PP=--	PN=-- PP=--	PN=-- PP=--	PN=-- PP=--	PN=-- PP=--
	VI=-- FV=--	VI=-- FV=--	VI=-- FV=--	VI=-- FV=--	VI=-- FV=--	VI=-- FV=--	VI=-- FV=--
	FP=-- LG=--	FP=-- LG=--	FP=1 LG=--	FP=5 LG=--	FP=-- LG=--	FP=-- LG=--	FP=-- LG=--
Puerto Rico							
Virgin Is.	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--	SP=-- LP=--
	HB=-- Mil=--	HB=-- Mil=--	HB=5 Mil=--	HB=2 Mil=--	HB=-- Mil=--	HB=-- Mil=--	HB=2 Mil=--
	PN=-- PP=2	PN=-- PP=4	PN=-- PP=--	PN=-- PP=--	PN=-- PP=--	PN=-- PP=--	PN=-- PP=--
	VI=-- FV=--	VI=0 FV=--	VI=-- FV=--	VI=-- FV=--	VI=2 FV=--	VI=2 FV=--	VI=-- FV=--
	FP=-- LG=--	FP=-- LG=--	FP=-- LG=--	FP=-- LG=--	FP=-- LG=--	FP=-- LG=--	FP=-- LG=--

KEY:

SP = State Police
HB = Hospital Based
PN = Private Non-Profit
VI = Volunteer-Independent
FP = Fire Department-Paid
-- = Information Not Provided

LP = Local Police
Mil = Military
PP = Private For-Profit
FV = Fire Department-Volunteer
LG = Local Government
Un = Unknown

TABLE III

EMS AMBULANCE SERVICES

STATE	Annual Volume of ....Ambulance Calls.... Emerg.	Non-Emerg.	Employment of a Statewide Ambul. Purchase Contract
Alabama	---	---	No
Alaska	30,000	---	No
Arizona			
Arkansas	120,000	---	No
California			
Colorado	---	---	Yes
Connecticut	120,000	150,000	No
Delaware	---	---	No
Florida	---	---	No
Georgia	220,000	---	No
Hawaii	37,000	---	No
Idaho	25,000	16,000	Yes
Illinois	---	---	No
Indiana	243,125	90,739	No
Iowa	66,477	68,381	No
Kansas	---	---	No
Kentucky			
Louisiana			
Maine	30,000	55,000	No
Maryland	318,000	---	No
Massachusetts	225,000	---	No
Michigan	---	---	No
Minnesota	---	---	No
Mississippi	---	---	No
Missouri	200,000	100,000	No
Montana	---	---	No
Nebraska	14,782	39,968	No
Nevada	---	---	No
New Hampshire	50,094	24,155	No
New Jersey	64,000	---	No
New Mexico	70,000	30,000	Yes
New York			
N. Carolina	210,470	116,792	Yes
North Dakota	8,000	12,000	No
Ohio	1,000,000	---	No
Oklahoma			
Oregon	---	---	No
Pennsylvania	81,000	670,000	No
Rhode Island			
S. Carolina	150,000	50,000	No

STATE	Annual Volume of ....Ambulance Calls.... Emerg.	Non-Emerg.	Employment of a Statewide Ambul. Purchase Contract
South Dakota			
Tennessee	161,632	121,502	No
Texas	---	---	No
Utah	50,836[1]		No
Vermont	---	---	No
Virginia	---	---	No
Washington	300,000[1]		No
West Virginia	---	---	Yes
Wisconsin	185,000	60,000	No
Wyoming	16,000	6,000	No
American Samoa			
D.C.	96,855	---	Yes
Guam			
Puerto Rico			
Virgin Islands	---	---	No

--- = Information not provided

Footnotes:

[1]This number represents a total of the annual volume of emergency and non-emergency calls. A breakdown between the two is not available.

State Laws and Regulations Governing EMS Transportation Services

There are a number of policies and procedures that must be addressed by states regarding the regulation of EMS provider groups and their leadership. Most ambulance services are licensed by statutory authority (see Table IV). A few states depend on other agencies, such as the Department of Human Services, the Public Service Commission, the State Highway Patrol, the Federal Aviation Administration and others to perform this regulatory function. A number of states did not provide information on their licensure laws. The assumption is, in these states, EMS services and vehicles are not licensed and the states must depend on the licensing of EMS personnel to insure quality emergency services.

As Table IV shows, the inspection patterns of EMS services and vehicles vary greatly from state to state. Surprisingly, many states report that the state EMS office does not perform inspections on air and ground transportation services or vehicles. Twelve states report that air ambulance vehicles receive no inspection from the office and only six state EMS offices routinely conduct inspections on air vehicles at the time of licensure. A few states inspect ground and air ambulance vehicles or services on a random basis, some state offices inspect annually and one state office conducts an inspection only after receiving a complaint.

Many states provide standards that must be met for the design of ambulance vehicles and for the equipment used by EMS personnel (see Table V). Although many states do have standards in place, the majority do not provide regulations or standards for equipment or vehicle design. A slight majority of states provide regulations regarding EMS personnel; although, again, quite a few states report that personnel are not regulated.

TABLE IV

STATE EMS TRANSPORTATION SERVICES[1]

EMS PROVIDER GROUPS	SERVICES LICENSED BY STATUTORY AUTHORITY	SERVICES LICENSED BY OTHER AUTHORITY (Specified)	% OF SERVICES WITH PHYSICIAN AS MEDICAL DIRECTOR	INSPECTION PATTERN OF EMS SERVICES AND/OR VEHICLES
AIR AMBULANCE SERVICE	Yes: 21 No: 7 No Response: 22	County: 1 DHS: 1 FAA: 1 PA Police: 1	0 - 25: 3 26 - 55: 1 56 -100: 27 No Response: 16	No Inspection: 10 Initial Licensure: 4 Following Complaints: 1 Random Statewide Inspection Program: 2 Annual Statewide Inspection: 10 No Response: 19
AIR AMBULANCE VEHICLES	Yes: 16 No: 8 No Response: 25	DHS: 1 FAA: 3 PA Police: 1	0 - 25: 3 26 - 55: 1 56 -100: 7 No Response: 34	No Inspection: 12 Initial Licensure: 6 Following Complaints: 0 Random Statewide Inspection Program: 4 Annual Statewide Inspection: 12 No Response: 17
GROUND AMBULANCE SERVICE	Yes: 26 No: 7 No Response: 15	County: 1 DHS: 1 DOT: 1 SCC: 1	0 - 25: 6 26 - 55: 5 56 -100: 15 No Response: 18	No Inspection: 7 Initial Licensure: 4 Following Complaints: 1 Random Statewide Inspection Program: 5 Annual Statewide Inspection: 14 No Response: 12
GROUND AMBULANCE VEHICLES	Yes: 26 No: 8 No Response: 15	County: 1 DHS: 1 KKK: 1 CA Hwy Patr: 1 SCC: 1 Private Sec: 1	0 - 25: 3 26 - 55: 1 56 -100: 4 No Response: 35	No Inspection: 8 Initial Licensure: 5 Following Complaints: 0 Random Statewide Inspection Program: 5 Annual Statewide Inspection: 12 No Response: 8
NON-TRANSPORTING RESPONDER SERVICES	Yes: 10 No: 6 No Response: 33	DHS: 1 Assn. of Rescue Squads: 1	0 - 25: 7 26 - 55: 1 56 -100: 6 No Response: 34	No Inspection: 14 Initial Licensure: 0 Following Complaints: 1 Random Statewide Inspection Program: 3 Annual Statewide Inspection: 6 No Response: 28

EMS PROVIDER GROUPS	SERVICES LICENSED BY STATUTORY AUTHORITY	SERVICES LICENSED BY OTHER AUTHORITY (Specified)	% OF SERVICES WITH PHYSICIAN AS MEDICAL DIRECTOR	INSPECTION PATTERN OF EMS SERVICES AND/OR VEHICLES
NON-TRANSPORTING RESPONDER VEHICLES	Yes: 8 No: 9 No Response: 34	DHS: 1 DMV: 1 Assn. of Rescue Squads: 1	0 - 25: 1 26 - 55: 1 56 -100: 4 No Response: 40	No Inspection: 13 Initial Licensure: 1 Following Complaints: 1 Random Statewide Inspection Program: 3 Annual Statewide Inspection: 6 No Response: 24
NON-EMERGENCY TRANSPORTATION SERVICES	Yes: 16 No: 8 No Response: 25	County: 1 DHS: 1 DMV: 1 Local Auth: 1 Medicaid/ Medicare: 1 PSC: 1 SCC: 1	0 - 25: 5 26 - 55: 0 56 -100: 4 No Response: 37	No Inspection: 7 Initial Licensure: 1 Following Complaints: 1 Random Statewide Inspection Program: 3 Annual Statewide Inspection: 8 No Response: 26

Notes: - Massachusetts has a bi-annual statewide inspection.
- Guam has a quarterly statewide inspection.
- North Dakota has a bi-annual statewide inspection.

KEY:

DHS = Department of Human Services
DMV = Department of Motor Vehicles
FAA = Federal Aviation Administration
PSC = Public Service Commission
SCC = State Corporation Commission

Footnotes:

1. The numbers in the table represent aggregated information of state responses to the survey.

TABLE V

TRANSPORTATION REGULATIONS FOR STATE EMS SERVICES AND VEHICLES
(Aggregated Information[1])

. . . . . REGULATIONS OR STANDARDS ARE IN PLACE FOR THESE SERVICES OR VEHICLES . . . . .

EMS SERVICE	EQUIPMENT		VEHICLE DESIGN USING KKK SPECS		VEHICLE DESIGN USING STATE SPECS		PERSONNEL		SERVICE OPERATIONS		MEDICAL CONTROL	
AIR	Yes:	21	Yes:	3	Yes:	6	Yes:	24	Yes:	18	Yes:	20
AMBULANCE	No:	27	No:	43	No:	41	No:	24	No:	30	No:	28
SERVICE	No Response:	2	No Response:	4	No Response:	3	No Response:	2	No Response:	2	No Response:	2
AIR	Yes:	19	Yes:	4	Yes:	10	Yes:	15	Yes:	6	Yes:	8
AMBULANCE	No:	29	No:	43	No:	37	No:	32	No:	41	No:	39
VEHICLES	No Response:	2	No Response:	3	No Response:	3	No Response:	3	No Response:	3	No Response:	3
GROUND	Yes:	34	Yes:	12	Yes:	10	Yes:	39	Yes:	25	Yes:	36
AMBULANCE	No:	14	No:	34	No:	37	No:	9	No:	23	No:	12
SERVICE	No Response:	2	No Response:	4	No Response:	3	No Response:	2	No Response:	2	No Response:	2
GROUND	Yes:	40	Yes:	24	Yes:	20	Yes:	31	Yes:	15	Yes:	19
AMBULANCE	No:	8	No:	23	No:	28	No:	16	No:	32	No:	28
VEHICLES	No Response:	2	No Response:	3	No Response:	2	No Response:	3	No Response:	3	No Response:	3
NON-TRANSPORTING	Yes:	8	Yes:	0	Yes:	2	Yes:	13	Yes:	8	Yes:	10
RESPONDER	No:	37	No:	44	No:	42	No:	32	No:	37	No:	35
SERVICE	No Response:	5	No Response:	6	No Response:	6	No Response:	5	No Response:	5	No Response:	5
NON-TRANSPORTING	Yes:	8	Yes:	1	Yes:	2	Yes:	7	Yes:	4	Yes:	4
RESPONDER	No:	37	No:	44	No:	42	No:	37	No:	40	No:	40
VEHICLES	No Response:	5	No Response:	5	No Response:	6	No Response:	6	No Response:	6	No Response:	6
NON-EMERGENCY	Yes:	16	Yes:	5	Yes:	8	Yes:	15	Yes:	11	Yes:	8
TRANSPORTATION	No:	29	No:	39	No:	37	No:	30	No:	34	No:	37
SERVICE	No Response:	5	No Response:	6	No Response:	5	No Response:	5	No Response:	5	No Response:	5

1. The numbers in the table represent the total number of states that responded to that category.

Table VI provides information on the highest level of medical personnel that staff emergency ground and air transportation vehicles. Tables VII and VIII provide information on emergency air transportation systems in the states. Table VII contains an aggregation of responses to questions about emergency missions conducted annually, square mileage covered, and accidents endured. Table VIII is a state-by-state table detailing why emergency air transportation (E.A.T.) is utilized and how emergency air transportation is brought into service, the funding source of E.A.T. systems, availability of E.A.T. and the agency that is responsible for E.A.T.

All states but four, Hawaii, Maine, New Jersey and New York, reported that E.A.T. is made available on request by hospitals. In a majority of the states, fire departments and police may also request E.A.T. In California, Georgia, Kentucky, Louisiana, Mississippi, Montana, Oregon, Texas and the Virgin Islands, private citizens can request and receive E.A.T. New Hampshire, New Jersey, New York, Vermont, West Virginia and the Virgin Islands provide E.A.T. during daytime hours only. The rest of the states provide this service on a 24-hour basis.

There are a variety of funding sources for state emergency air transportation, but most states report that fees for service are an important, or the only, contribution to the E.A.T. budget. Other sources of funding are MAST*, existing agency budgets, private agencies, or special funding or accounts.

*MAST: Military Assistance to Safety and Traffic

TABLE VI

HIGHEST CARE LEVELS

STATE	TOTAL # OF AIR AMBULANCE SERVICES	AIR AMBULANCE SERVICES HIGHEST CARE LEVEL		TOTAL # OF GROUND AMBULANCE SERVICES	GROUND AMBULANCE SERVICES HIGHEST CARE LEVEL	
Alabama	4	Paramedic: Nurse: Physician:	4 2 2	501	Basic EMT: Intermediate: Paramedic:	109 9 81
Alaska	8	Intermediate: Paramedic: Nurse/Phys.:	2 3 3	81 (inciudes 9 military)	Basic EMT: Intermediate: Paramedic:	37 32 3
Arizona						
Arkansas	2	Nurse: Physician:	1 1	195	Basic EMT: Paramedic:	176 16
California	Unknown	Unknown		Unknown	Unknown	
Colorado	5	Nurse:	5	181	Basic EMT: Paramedic:	156 25
Connecticut	1	Nurse: Physician:	.5 .5	250	Basic EMT: Intermediate: Paramedic:	130 60 60
Delaware	1	Basic EMT:	1	57	Basic EMT: Paramedic:	55 2
Florida	46	No response		214	Intermediate: Paramedic: Physician:	76 140 1
Georgia	2	No response		231	No response	
Hawaii	1	Paramedic:	1	11	Basic EMT: Paramedic:	7 25

STATE	TOTAL # OF AIR AMBULANCE SERVICES	AIR AMBULANCE SERVICES HIGHEST CARE LEVEL	TOTAL # OF GROUND AMBULANCE SERVICES	GROUND AMBULANCE SERVICES HIGHEST CARE LEVEL
Idaho	4	Intermediate: 1 Paramedic: 2 Nurse: 1	99	Paramedic: 4
Illinois	4	Unknown	723	Basic EMT: 381 Intermediate: 60 Paramedic: 282
Indiana	6	Paramedic: 3 Physician: 3	358	Basic EMT: 283 Intermediate: 9 Paramedic: 54
Iowa	3	Paramedic: 1 Nurse: 3	383	Basic EMT: 270 Intermediate: 89 Paramedic: 24
Kansas	3	No response	213	No response
Kentucky	5	No response	299	No response
Louisiana	No response	No response	No response	No response
Maine	5	No response	186	Basic EMT: 113 Intermediate: 36 Paramedic: 37
Maryland	1	No response	24	No response
Massachusetts	3	Basic EMT: 2 Physician: 1	331	Basic EMT: 228 Intermediate: 64 Paramedic: 32
Michigan	22	No response	403	Basic EMT: 203 Intermediate: 26 Paramedic: 43

STATE	TOTAL # OF AIR AMBULANCE SERVICES	AIR AMBULANCE SERVICES HIGHEST CARE LEVEL	TOTAL # OF GROUND AMBULANCE SERVICES	GROUND AMBULANCE SERVICES HIGHEST CARE LEVEL
Minnesota	No response	Nurse: 5	No response	Basic EMT: 247 Intermediate: 22 Paramedic: 22
Mississippi	11	Paramedic: 1 Nurse: 10	130	Basic EMT: 115 Intermediate: 3 Paramedic: 12
Missouri	4	Nurse: 4	264	Basic EMT: 132 Paramedic: 132
Montana	0	N/A	110	Basic EMT: 9
Nebraska	3	Paramedic: 3 Physician: 2	350	Basic EMT: 338 Intermediate: 2 Paramedic: 10
Nevada	8	Paramedic/Nurse: 6	70	Basic EMT: 51 Intermediate: 11 Paramedic: 13
New Hampshire	2	Paramedic/Nurse: 2	132	Basic EMT: 98 Intermediate: 17 Paramedic: 3
New Jersey	3	No response	700	Paramedic: 28
New Mexico	2	Paramedic/Nurse: 2	75	Basic EMT: 45 Intermediate: 25 Paramedic: 5
New York	1	Paramedic: 1	1,190	N/A
N. Carolina	1	Basic EMT: 1	515	Basic EMT: 440 Intermediate: 53 Paramedic: 22

STATE	TOTAL # OF AIR AMBULANCE SERVICES	AIR AMBULANCE SERVICES HIGHEST CARE LEVEL	TOTAL # OF GROUND AMBULANCE SERVICES	GROUND AMBULANCE SERVICES HIGHEST CARE LEVEL
North Dakota	9	N/A	134	Basic EMT: 110 Intermediate: 4
Ohio	5	No response	1,061	No response
Oklahoma	3	Basic EMT: 1 Intermediate: 1 Paramedic: 1	205	Basic EMT: 185 Intermediate: 6 Paramedic: 8
Oregon	No response	No response	No response	No response
Pennsylvania	6	Paramedic/ Nurse/Physician: 4 (hospital based only)	1,078	Basic EMT: 958 Paramedic: 220
Rhode Island	0	N/A	86	Basic EMT: 95 Intermediate: 23 Paramedic: 18
S. Carolina	1	Paramedic: 1	180	Basic EMT: 83 Intermediate: 20 Paramedic: 80
South Dakota				
Tennessee	19	No response	141	No response
Texas	10	No response	1,002	No response
Utah	No response	No response	No response	No response
Vermont	0	N/A	81	Unknown
Virginia	6	Basic EMT: 1 Paramedic: 5	450	Basic EMT: 321 Intermediate: 59 Paramedic: 70

STATE	TOTAL # OF AIR AMBULANCE SERVICES	AIR AMBULANCE SERVICES HIGHEST CARE LEVEL		TOTAL # OF GROUND AMBULANCE SERVICES	GROUND AMBULANCE SERVICES HIGHEST CARE LEVEL	
Washington	10	No response		230	No response	
West Virginia	1	Paramedic:	1	190	Basic EMT: Paramedic:	86 104
Wisconsin	16	Basic EMT: Paramedic/ Nurse/Phys.:	1 2	427	Basic EMT: Intermediate: Paramedic:	399 15 13
Wyoming	8	Nurse:	8	82	Basic EMT: Intermediate: Paramedic:	9 70 3
Washington, DC	No response	No response		No response	Basic EMT: Intermediate: Paramedic:	14 5 5
Amer. Samoa						
Guam	0	N/A		1	Basic EMT:	1
Puerto Rico						
Virgin Islands	2	None		1	Paramedic:	1

TABLE VII

STATE EMS AIR TRANSPORTATION

(Aggregated Information[1])

	YES	PLANNED FOR FUTURE	NO PLANS	APPROXIMATE SQUARE MILES COVERED	APPROXIMATE NUMBER OF AIR EMERGENCY MISSIONS CONDUCTED ANNUALLY	MISHAPS OR ACCIDENTS IN THE LAST FIVE YEARS
Helicopters are Used for Emergency Air Transport	46	1**	1*	<50,000: 18 50,000-100,000: 8 >100,000: 2 Statewide: 6 No Response: 15	0-100: 7 101-500: 12 501-1,000: 6 >1,000: 9 No Response: 15	0: 15 <10: 12 11-25: 2 >25: 0 No Response: 20
Fixed Wing Aircraft are Used for Emergency Air Transport	37	0	13	<100,000: 8 100,000-250,000: 1 250,000-500,000: 0 750,000: 2 Statewide: 7 Nationwide: 2 No Response: 19	<100: 9 100-500: 4 500-1,000: 1 >1,000: 3 No Response: 22	0: 13 <10: 4 11-25: 0 >25: 0 No Response: 21

1. The numbers in the table represent the total number of states that responded to that table.

* Guam
** Virgin Islands

TABLE VIII

EMERGENCY AIR TRANSPORTATION

State	E.A.T.* Made Available on Request by	Field Personnel Request E.A.T. Through	Primary Uses of E.A.T.	Hours E.A.T. Available	Funding Sources	Helicopter Ambulance Service Provided by	Fixed Wing Ambulance Service Provided by
Alabama	FD/FP/HO/MD/PC/PO	A/C/O[1]	D/E/F/O[26]	24 hours	K/O[2]	HO/MP/PO	HO
Alaska	FD/FP/HO/PO	A/B/C/O[3]	D/E/F/G/H	24 hours	K/O[5]	CO/MP/PO	HO/PC/CO
Arizona	--	--	--	--	--	--	--
Arkansas	FP/HO/PO	A/B/C	D/E/F	24 hours	L	HO	PC/CO
California	FD/FP/HO/PC/PO	A/B/C	D/E/F/G/H	24 hours	K	CO/HO/PC/PO	Unknown
Colorado	FD/FP/HO/PO	B/C	D/E/G	24 hours	I/J/K	HO/MP	CO/HO/PC
Connecticut	FD/FP/HO/PO	A/B/C	D/E/F/G	24 hours	K	HO	--
Delaware	FP/HO	B	D/E/F/G/H	24 hours	I	PO	--
Florida	FD/FP/HO/MD/PO	A/B/C	E/F	24 hours	I/L	HO/MP	CO/HO
Georgia	FD/FP/HO/PC/PO	A/B/C	D/E/F	24 hours	K/L	HO/CO	CO/HO/PC
Hawaii	FD/FP/PO/O[4]	B	D/E	24 hours	K/O[5]	MP	CO/PC
Idaho	FD/FP/HO/PO	A/B	D/E/F/G	24 hours	K	CO/HO/MP	CO/HO
Illinois	HO	B	E/F	24 hours	I/K	HO/O[6]	CO/PC
Indiana	FP/HO/PO	A/B/C	D/E/F	24 hours	K	HO	HO/PC
Iowa	FD/FP/HO/PO/O[7]	A/B/C/O[8]	D/E/F/G/O[9]	24 hours	I/J	CO/HO/PC	CO/HO/PC

EXPLANATION OF SYMBOLS:

-- = Information not provided

A = Direct access line to helicopter control center
B = Central or regional dispatching center
C = State or local police
D = Direct transportation to medical facility from scene
E = Interhospital transfers
F = Transportation from scene or hospital to specialty care center
G = Search and rescue
H = General police activities
I = Existing agency budgets
J = Special funding or account
K = Fee for services directed toward patient or third party
L = Private agency
O = Other (see footnotes)

* = Emergency Air Transportation

CO = Corporation
EMS= State EMS Office
FD = Fire Department
FP = Field EMS Personnel
HO = Hospital
MD = Doctor
MP = MAST Program
PC = Private Citizen
PO = State Police/Highway Patrol

State	E.A.T.* Made Available on Request by	Field Personnel Request E.A.T. Through	Primary Uses of E.A.T.	Hours E.A.T. Available	Funding Sources	Helicopter Ambulance Service Provided by	Fixed Wing Ambulance Service Provided by
Kansas	FP/HO/MD	A	E/F/G	24 hours	K/L	HO/MP	CO/HO/PC
Kentucky	FD/FP/HO/PC/PO	A/B/C	D/E/F/G	24 hours	I/K	HO/MP	CO/PC
Louisiana	FD/FP/HO/PC/PO	A/B	D/E/F	24 hours	K/L/O[10]	CO/HO/MP	--
Maine	O[11]	C	G	24 hours	K	O[12]	PC
Maryland	FD/FP/HO/PO	A/B/C	D/E/F/G/H	24 hours	I	PO	Not Applicable
Massachusetts	FD/FP/HO/PO	A/B/C	D/E/F	24 hours	I	HO/MP/O[13]	--
Michigan	FP/HO/PO	A/B/C	D/E/F/H	24 hours	K	HO/O[27]	--
Minnesota	HO/MD	A/C	E	24 hours	K	HO	CO
Mississippi	FP/HO/PC	A/B	D/E/F	24 hours	K	HO	CO/PC/O[14]
Missouri	--	--	D/E/F	24 hours	K	HO	CO/PC
Montana	FD/FP/HO/PC/PO	A/B/C	D/E/G	24 hours	K/L	CO/HO/PC	CO/HO/PC
Nebraska	FD/FP/HO/PO	A/B/C	D/E	24 hours	K/L	HO	CO/HO/PC
Nevada	FD/FP/HO/MD/PO	A/B/C	D/E/F/G	24 hours	K	HO	CO
New Hampshire	FP/HO/PO/O[15]	C/O[16]	D/E/F/G/H/O[17]	Daytime	K/L	CO/HO/PC/O[10]	CO/PC
New Jersey	PO	B/C	E/F/G/H	Daytime	I	PO	CO/PC

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-- = Information not provided

* = Emergency Air Transportation

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E = Interhospital transfers
F = Transportation from scene or hospital to specialty care center
G = Search and rescue
H = General police activities
I = Existing agency budgets
J = Special funding or account
K = Fee for services directed toward patient or third party
L = Private agency
O = Other (see footnotes)

CO = Corporation
EMS = State EMS Office
FD = Fire Department
FP = Field EMS Personnel
HO = Hospital
MD = Doctor
MP = MAST Program
PC = Private Citizen
PO = State Police/Highway Patrol

State	E.A.T.* Made Available on Request by	Field Personnel Request E.A.T. Through	Primary Uses of E.A.T.	Hours E.A.T. Available	Funding Source	Helicopter Ambulance Service Provided by	Fixed Wing Ambulance Service Provided by
New Mexico	FP/HO/PO	A/B/C	D/E/F/G	24 hours	K	HO/MP	CO/PC
New York	FP/PO	A/C	E	Daytime	I/J	CO/PO/PC	CO/PC
N. Carolina	HO	--	E	24 hours	I/O[18]	MP	--
North Dakota	HO	B/HO	D/E/F	24 hours	K	HO	CO/HO/PC
Ohio	FP/HO	--	D/E/F	--	K	HO	--
Oklahoma	FP/HO/PO/O[10]	B/C	D/E	24 hours	I/K	HO/MP	CO/PC
Oregon	FD/FP/HO/PC/PO	A	D/E/F/G	24 hours	K/L	CO/HO/MP/PC	CO/PC
Pennsylvania	FP/HO/PO/O[19]	B/C	D/E/F/G/H	24 hours[20]	I/K/L	CO/HO/PC/PO	CO/PC
Rhode Island	HO/PO	HO	D/E/F	24 hours	K	CO/O[21]	CO/PC/O[21]
S. Carolina	FP/HO/PO	A/C/MD	D/E	24 hours	J/O[22]	MP	CO/PC
South Dakota							
Tennessee	FP/HO	A/B/C	E/F	24 hours	K	HO/MP/O[27]	CO/HO/PC/O[23]
Texas	FD/FP/HO/PC/PO/O[24]	A/B/C	D/E/F	24 hours	K/L	CO/HO/MP	CO/PC
Utah	FD/FP/HO/PO	B/C/EMS	D/E/F/G	24 hours	K	HO/MP	CO/HO/PC
Vermont	HO	B	E/F	Daytime	K/MP	MP	CO

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Virginia	FD/FP/HO/PO	B/C	D/E/F/G/H	24 hours	I/K	HO/PO/O[27]	CO/PC
Washington	FP/HO/PO	A/C	D/E/F/G	24 hours	I/K/O[10]	CO/HO/MP/PC	CO/HO/PC
West Virginia	MD	MD	D/E/F/G/H	Daytime	I	PO	O[25]
Wisconsin	FP/HO	A/O[21]	D/E/F	24 hours	K	HO/O[21]	CO/PC
Wyoming	FD/FP/HO/PO	A	D/E	24 hours	K	HO/MP	CO/HO/PC
D.C.	FD/FP/HO/PO	B/C	D/F/G/H	24 hours	I/L	HO/PO	--
Amer. Samoa	O[10]	--	G	--	--	--	--
Guam							
Puerto Rico							
Virgin Is.	HO/PC	Not Applicable	E	Until 10 p.m.	K	CO/O[28]	CO/PC

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Footnotes:

1. Toll-free number
2. MAST (federal)
3. Through a hospital or local medical clinic
4. MAST (on Oahu only)
5. MAST (military)
6. State Department of Transportation
7. Lease agreements
8. Telephone patch
9. Neonate transfers
10. Military
11. Air National Guard, and one timber company
12. Not provided, except by one timber company on its land
13. U.S. Coast Guard
14. Air Ambulance District
15. Civil Defense, National Guard, Pease Air Force Base
16. Military facilities - Aeronautic Commission; also by phone to helicopter service in Worcester, Massachusetts
17. Technological/natural disasters to critical care unit
18. MAST supplemented by the OEMS (radio and medical equipment)
19. Pennsylvania Emergency Management Agency
20. Emergency air transportation available through state police during daytime hours only
21. National Guard
22. Donation
23. State fixed wing
24. Industrial site
25. Finance and Administration Aviation Division
26. Organ transport and blood
27. City police
28. Navy, Coast Guard or National Guard, if in area and operational